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BOX PCT

08-392934 US APPLICATION NO.

SPENSLEY, HORN, JUBAS & LUBITZ ATTORNEYS AT LAW

1880 CENTURY PARK EAST. SUITE 500 LOS ANGELES, CALIFORNIA 90067

FORST NAMED APPLICANT

ATTY, DOCKLET NO.

08/392,934

SMITH

PD-3033 INTERNATIONAL APPLICATION NO.

5611

PCT/US93/08699 I.A. FILING DATE PRIORITY DATE

09/15/93 09/15/92

DATE MAILED: 11/28/95

NOTIFICATION OF A DEFECTIVE RESPONSE	
1. The request for an extension of time (37 CFR 1.136 (a)) filed is defective because the required fee is missing/insufficient. Extension of time fees are listed at 37 CFR 1.17 (a)-(	d).
2. Applicant's response filed was received in the Office on which is after the expiration of the period for response set in the last Office notification mailed This application will become abandoned unless applicant obtains an extension of time to reply to the last Office notification under 37 CFR 1.136 (a).	<b>⊸</b> f
3. Applicant's response filed <u>0300795</u> included the following items, the receipt of which hereby acknowledged:	ı İ <b>s</b>
Copy of the international application in:  a non-English language.  English.  Translation of the international application into English which is defective for the reasons indicated on the attached Notice of Defective Translation.  Processing fee (37 CFR 1.492 (f)) which is insufficient.  Oath or Declaration of inventors(s).  in compliance with 37 CFR 1.63.  Not in compliance with 37 CFR 1.63.  Not in compliance with 37 CFR 1.63.  Translation of Article 19 amendments.  Copy of Article 19 amendments.  Translation of Article 19 amendments into English.  The International Preliminary Examination Report in English and its Annexes, if any.  Translation of Annexes to the International Preliminary Examination Report into English RECENTAL Preliminary amendment(s).  Assignment document.  Power of Attorney and for Change of Address.  Substitute specification.  Verified Statement Claiming Small Entity Stants.  Priority Document.  Active Property and for Change of Address.  Att F. OCKETING  ATE 17.04.75  ATE 17.04.75  ATE 17.04.75  FORM PCT/DO/E0/905) REMAINS IN EFFECT HAS BEEN EXTENDED TO RUN MONTHS FROM THE DATE OF SAID NOTIFICATION.  Applicant is reminded that any communication to the United States Patent and Trademark Office must hailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1) and the process of the address given in the heading and include the U.S. application no. shown above (37 CFR 1)	ED 1895 TING

Enclosed: PTO-152 Notice of Defective Translation

Telephone: (703)

## ASSIGNMENT

			Attorney Docket No		
(1-8)	insert Name(s) of Inventor(s)	(1) RICHARD S. SMITH	(5)		
	,	(2) GARY R. PEARSON	(6)		
		(3) D. ELLIOT PARKS	(7)		
		(4) SUSAN POTHEN VARGHESE	(8)		
		In consideration of the sum of one considerations paid to each of the undersinereby does assign, transfer and set over to	dollar (\$1.00) and other good and valuable gned, the undersigned agree(s) to assign, and		
(9)	insert name of Assignee	(9) ORTHO DIAGNOSTIC SYSTEMS, INC. and undivided one-half interest	GEORGETOWN UNIVERISTY, each having an		
(10)	Insert state of Incorporation of Assignee	(10) a NEW JERSEY corporation and a Wash	ington, D.C. coporation, respectively		
(11)	Insert address of Assignee	(11) of 1001 U.S. Route 202. Reritan. New Washington. D.C. 20057, rest (hereinafter designated as the Assignee) the cinvention known as	y Jersey 08869 and 37th and 0 Streets, NW. Dectively andre worldwide right, title and interest in the		
(12)	Insert identification of Invention, such as Title, Case Number or Foreign Application Number	(12) IMMUNOREACTIVE PEPTIDES FROM EF (Cese No. 7586D3033 ) for which the undersigned has (have) executed of America			
(13)	Insert Date of Signing of Application	(13) on 10/22/96	-		
count	nes of Schedule A and any contin	to execute all papers necessary in conne uing or divisional applications thereof and the Assignee may deem necessary or expe	also to execute senarate assignments in		
declai possil	red concerning this application of	to execute all papers necessary in connect r continuation or division thereof and to co ng forward with such interference.	tion with any interference which may be coperate with the Assignee in every way		
conne agree	<ol> <li>The undersigned agree(s) to ection with claims or provisions ments.</li> </ol>	execute all papers and documents and per of the International Convention for Pro	form any act which may be necessary in tection of Industrial Property or similar		
Unite	4) The undersigned agree(s) of States patent to the Assignee.	to perform all affirmative acts which may	be necessary to obtain a grant of a valid		
tne sa entire	ts of the United States resulting fro iid Assignee, as Assignee of the en	uthorize(s) and request(s) the Commissions or said application or any division or division of division or any division or division of the thick that he has the have the ha	ons or continuing applications thereof to		
6) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; RICHARD H. ZAITLEN, Reg. No. 27,248; ALEX CHARTOVE, Reg. No. 31,942; DAVID M. SIMON, Reg. No. 32,756; JAY M. FINKELSTEIN, Reg. No. 21,082; ROGER R. WISE, Reg. No. 31,204; WILLIAM K. KONRAD, Reg. No. 28,868; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; GARY D. MANN, Reg. No. 34,867; DON F. LIVORNESE, Reg. No. 32,040; TED R. RITTMASTER, Reg. No. 32,933; PAUL H. KOVELMAN, Reg. No. 35,228; PAUL G. NAGY, Reg. No. 37,896; HIDEO KODA, Reg. No. 27,729, and WEI-NING YANG, Reg. No. 38,690 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.					
Date:	100 12,96 Signature of In	100	rue,		
Date:	Date: 10/8/9 \( \text{Signature of Inventor} \)				
Date.	Date 9.27.96 Signeture of Inventor				
Date: WiD 197 96 Signature of Inventor WavaWK					

·		CLARATION ER OF ATTORNEY		
	and POWI	ER OF ATTORNEY	<b>=</b> 0	DRIGINAL
			<b>=</b> 0	BRIGINAL
		*	_	
			_	CONTINUATION
ow named inventor, I declare that the infor	metion alimo hemio le tou	s that I ballava that I am		DIVISIONAL
or a joint inventor if plural inventors are n IMMUNOREACTIVE PEPTIDES FROM E	amed below at 1-4, of the	invention entitled:	the onginal, first and i	iole inventor if only one name is listed at
described and claimed in:				
·			_	
		September 15, 1993	LI as ameno	
		and citizenship are as st	ated below next to my	(if applicable)
dedge my duty to disclose information whi				
•				
	the contents of the above	e identified specification,	including the claims, a	is amended by any amendment referred
claim foreign priority benefits under Title 3	5, United States Code, §1 or patent or inventor's cer	l 19 of any foreign applications tificate having a filing da	stion(s) for patent or in te before that of the a	ventor's certificate listed below and pplication on which priority is claimed:
	<del></del>	<del></del>		
		· · · · · · · · · · · · · · · · · · ·		PRIORITY
COUNTRY APPLIC	ATION NUMBER			CLAIMED UNDER
		Moi	nth Day Year	35 U.S.C. 119 YES NO
				YES NO
lication and the national or PCT internation	nal filing date of this applic	cation.		Abandoned
CT/US93/08699	Cant	ember 15, 1993		Pending
tion Serial No.)				(Status)
t all business in the Patent and Trader IT LUBITZ, Reg. No. 20,680; RICI I, Reg. No. 32,756; JAY M. FINK Io. 28,868; LOUIS A. MOK, Reg. IT, DON F. LIVORNESE, Reg. No. 37,8 Send correspondence to: LOEB AND LOEB 1880 Century Park East, Fifth Floor	mark Office connected HARD H. ZAITLEN, R ELSTEIN, Reg. No. 2 No. 22,585; JOHN P 32,040; TED R. RITT 96; HIDEO KODA, R	therewith. Reg. No. 27,248; AL 1,082; ROGER R. W 2. SCHERLACHER, R MASTER, Reg. No. Reg. No. 27,729, and DIRECT TELE WEI-NING Y	.EX CHARTOVE, F VISE, Reg. No. 31, leg. No. 23,009; ( 32,933; PAUL H. I WEI-NING YANG EPHONE CALLS TO: ANG	Reg. No. 31,942; DAVID M. .204; WILLIAM K. KONRAD, GARY D. MANN, Reg. No. KOVELMAN, Reg. No.
Name of LAST NAME inventor SMITH	FIRST NAME RICHARD	MIDDLE NAME S.	Residence: CITY Del M	STATE or COUNTRY ar California
Post Office Address 17490 Via Donada, Del II	Mar, CA 92014			CITIZENSHIP USA
Name of LAST NAME Inventor PEARSON	FIRST NAME GARY	MIDDLE NAME R.	Residence: CITY Great I	STATE or COUNTRY Falls Virginia
Post Office Address 1124 Trotting Horse Lane	, Great Falls, VA			CITIZENSHIP USA
Name of LAST NAME	FIRST NAME	MIDDLE NAME	T	
	(for declaration not accompany) which a patent is sought, and that my resisted ge my duty to disclose information while state that I have reviewed and understand claim foreign priority benefits under Title 3 oldentified below any foreign application of DREIGN APPLICATION(S)  COUNTRY APPLICATION(S)  APPLICATION(S)  COUNTRY APPLICATION(S)  CO	the specification in application Serial No. 08/392,934 filed (for declaration not accompanying application) which a patent is sought, and that my residence, post office address redge my duty to disclose information which is material to the examination of the second of the contents of the above. It is not that I have reviewed and understand the contents of the above. It is not claim foreign priority benefits under Title 35, United States Code, \$1 to I dentified below any foreign application for patent or inventor's cerestal application application for patent or inventor's cerestal application and the national or PCT international filling date of this application is not disclosed in the prior United States application dege the duty to disclose material information as defined in Title 37, collication and the national or PCT international filling date of this application serial No.)  10 OF ATTORNEY: As a named Inventor, I hereby appoint the stall business in the Petent and Trademark Office connected RT LUBITZ, Reg. No. 20,680; RICHARD H. ZAITLEN, F. I., Reg. No. 32,756; JAY M. FINKELSTEIN, Reg. No. 22,585; JOHN F. 7; DON F. LIVORNESE, Reg. No. 32,040; TED R. RITT B; PAUL G. NAGY, Reg. No. 37,896; HIDEO KODA, Reg. PAUL G. NAGY, Reg. No. 37,896; HIDEO KODA, Reg. PAUL G. NAGY, Reg. No. 37,896; HIDEO KODA, Reg. PAUL G. NAGY, Reg. No. 37,896; HIDEO KODA, Reg. Post Office Address  17490 Via Donada, Del Mar, CA 92014  Name of LAST NAME FIRST NAME RICHARD  Post Office Address  17490 Via Donada, Del Mar, CA 92014  Name of LAST NAME FIRST NAME GARY	The specification in application Serial No. OB/392.934 filed September 15, 1993 (for declaration not eccompanying application)  which a patent is acught, and that my residence, post office address and citizenship are as at reading my duty to disclose information which is material to the examination of this application, state that I have reviewed and understand the contents of the above identified specification, claim foreign priority benefits under Title 35, United States Code, \$119 of any foreign application for patent or inventor's certificate having a filing de DREIGN APPLICATION(S)  COUNTRY APPLICATION NUMBER DA Moore and the prior United States application in the manner provide edge the duty to disclose material information as defined in Title 37, Code of Federal Regulations and the national or PCT international filling date of this application.  7/7945,280 September 15, 1992  CTAISB3/08699 September 16, 1992  CTAISB3/08699 September 16, 1992  CTAISB3/08699 September 16, 1992  CTAISB3/08699 September 15, 1993 (Filing Date)  10 OF ATTORNEY: As a named Inventor, I hereby appoint the following attorney(s) at all business in the Patent and Trademark Office connected therewith.  11 Try LUBITZ, Reg. No. 20, 680; RICHARD H. ZAITLEN, Reg. No. 27, 248; ALI, Reg. No. 32, 756; JAY M. FINKELSTEIN, Reg. No. 21, 082; ROGER R. W. No. 28, 868; LOUIS A. MOK, Reg. No. 22, 585; JOHN P. SCHERLACHER, R. P. POUR F. LIVORNESE, Reg. No. 37, 896; HIDEO KODA, Reg. No. 27, 729, and Send correspondence to:  LOEB AND LOEB  1880 Century Park East, Fifth Floor  LOEB AND LOEB  1880 Century Park East, Fifth Floor  LOEB AND LOEB  1880 Century Park East, Fifth Floor  LOE Angeles, California 90067  Print)  Name of LAST NAME FIRST NAME MIDDLE NAME RICHARD  S. Post Office Address  17490 Via Donada, Del Mer, CA 92014  Name of LAST NAME FIRST NAME MIDDLE NAME RICHARD  Name of LAST NAME FIRST NAME MIDDLE NAME RICHARD  Name of LAST NAME FIRST NAME MIDDLE NAME RICHARD  Name of LAST NAME FIRST NAME MIDDLE NAME RICHARD	the specification in application Serial No. 08/392,934 filed September 15, 1993

1	Name of inventor	LAST NAME SMITH	FIRST NAME RICHARD	MIDDLE NAME S.	Residence: CITY Del Mar	STATE or COUNTRY California
	Post Offic	e Address 17490 Via Donada, D	el Mar, CA 92014			CITIZENSHIP USA
2	Name of Inventor	LAST NAME PEARSON	FIRST NAME GARY	MIDDLE NAME R.	Residence: CITY Great Falls	STATE or COUNTRY Virginia
	Post Offic	e Address 1124 Trotting Horse L	ane, Great Falls, VA			CITIZENSHIP USA
3	Name of Inventor	LAST NAME PARKS	FIRST NAME D.	MIDDLE NAME ELLIOT	Residence: CITY Del Mar	STATE or COUNTRY California
	Post Office Address 8-0 Kalamath Dr., Del Mar, CA 92014					CITIZENSHIP USA
4	Name of Inventor	LAST NAME VARGHESE	FIRST NAME SUSAN	MIDDLE NAME POTHEN	Residence: CITY Centerville	STATE or COUNTRY Virginia
	Post Offic		Dr., Centerville, CA 22020	)		CITIZENSHIP INDIA

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR 2
DATE * 04722,96	DATE / 10/8/96
SIGNATURE OF TIVENTON 2	SIGNATURE OF INVENTOR 4 Wargher
DATE 9-27-96	DATE / 10/10/96

## DECLARATION and POWER OF ATTORNEY

Which and for i ackn \$1.56 I herei to abo I herei	in or a joint inventor in plan  IMMUNOREACTIVE fi is described and claimed in  the attached specific  the specification in a  (for declarate or which a patent is sought, sowiedge my duty to disclose (ia), by state that I have reviewed to by claim foreign priority bene	EPTIDES FROM I cation or application Serial ion not accompa and that my real a information what and understance office under Title :	i No. O8/392,934 file inving application) idence, post office addres such la material to the exar d the contents of the abor 35. United States Code. 8	s and citizenship are as mination of this application of the application of the application and in the application of the application and the application appl	3 as amended or stated below next to my neme on in eccordance with Title 37 n, including the claims, as ame	NUATION ONAL ventor if only one name is listed at (if applicable)
PRIOR	FOREIGN APPLICATION(S)				. <u>.                                   </u>	
_	COUNTRY	APPLIC	CATION NUMBER		ATE OF FILING onth Day Year	PRIORITY CLAIMED UNDER 36 U.S.C. 119 YES NO
ackno	on nume addressament to table dist	meterial informa	or United States applicati tion as defined in Title 37 nai filing date of this appli	on in the menner provide . Code of Federal Recula	of he the first correspond of Th	s the subject matter of each of the le 35, United States Code §112, I d between the filing date of the Abendoned
(Appli	PCT/US93/08699 cation Serial No.)			tember 15, 1993 (Filing Date)		Pendine (Status)
35,2	0 <i>1; DUN F. LIVURNE</i> S	E, Reg. No. 37,8 eg. No. 37,8 e to: last, Fifth Floor las 90067	32,040; TED R. RITT 96; HIDEO KODA, R	MASTER, Reg. No. eg. No. 27,729, and DIRECT TEL WEINING Y (310) 282-2	–	FIMAN Poo No
	Post Office Address	Donede, Del I	RICHARD  Mar, CA 92014	8.	Del Mar	California CITIZENSHIP USA
2	Name of LAST NAME Inventor PEARSON		FIRST NAME GARY	MIDDLE NAME R.	Residence: CITY Great Falls	STATE or COUNTRY Virginia
	Post Office Address 1124 Trotti	ing Horse Lane	, Great Falls, VA			CITIZENSHIP USA
3	Name of LAST NAM inventor PARKS	WE	FIRST NAME D.	MIDDLE NAME ELLIOT	Residence: CITY Del Mar	STATE or COUNTRY California
-		nth Dr., Del Ma	w. CA 92014	<u> </u>		CITIZENSHIP USA
4	Name of LAST NAM Inventor VARGHESI		FIRST NAME	MIDDLE NAME	1 5	<b>I</b>
1		5	SUSAN	POTHEN	Residence: CITY Centerville	STATE or COUNTRY Virginia
	Post Office Address		SUSAN Centerville, CA 22020	POTHEN	1	

## ASSIGNMENT

			Attorney Docket No/586D3033		
(1-8)	Insert Name(s) of Inventor(s)	(1) RICHARD S. SMITH	(5)		
		(2) GARY R. PEARSON	(6)		
		(3) D. ELLIOT PARKS	. (7)		
		(4) SUSAN POTHEN VARGHESE	. (8)		
		In consideration of the sum of or considerations paid to each of the under hereby does assign, transfer and set over	ne dollar (\$1.00) and other good and valuable signed, the undersigned agree(s) to assign, and to		
(9)	Insert name of Assignee	(9) ORTHO DIAGNOSTIC SYSTEMS, INC. as undivided one-half interest	nd GEORGETOWN UNIVERISTY, each having an		
(10)	Insert state of Incorporation of Assignee	(10) _a NEW JERSEY corporation and a Was	hington, D.C. coporation, respectively		
(11)	Insert address of Assignee	Washington, D.C. 20067, re-	w Jersev 08869 and 37th and 0 Streets NW. spectively entire worldwide right, title and interest in the		
(12)	Insert identification of Invention, such as Title, Case Number or Foreign Application Number	(12) IMMUNOREACTIVE PEPTIDES FROM (Case No 758603033 ) for which the undersigned has (have) execute of America	PSTEIN-BARR VIRUS  and an application for patent in the United States		
	Insert Date of Signing of Application	(13) on 10/22/96	_		
count	THE OF SCHOOL A BING BUTY CONTON	to execute all papers necessary in connuing or divisional applications thereof and the Assignee may deem necessary or exp	ection with an application in each of the d also to execute separate assignments in edient.		
declar possit	en concerning this application of	to execute all papers necessary in connect r continuation or division thereof and to on ng forward with such interference.	ction with any interference which may be cooperate with the Assignee in every way		
conne agreei	<ol> <li>The undersigned agree(s) to ection with claims or provisions ments.</li> </ol>	execute all papers and documents and pe of the International Convention for Pr	rform any act which may be necessary in otection of Industrial Property or similar		
	4) The undersigned agree(s) of States patent to the Assignee.	to perform all affirmative acts which may	be necessary to obtain a grant of a valid		
entire	id Assignee, as Assignee of the en	om said application or any division or divis tire interest, and hereby covenants that i he has (they have) full right to convey th	ner of Patents to issue any and all Letters ions or continuing applications thereof to be has (they have) full right to convey the e entire interest herein assigned, and that		
ALEX R. W. SCHE RITTM Reg. N which record	CHANTOVE, No. 31,342; LIK ISE, Reg. No. 31,204; WILLIAM RLACHER, Reg. No. 22,903; PAUL I IASTER, Reg. No. 32,933; PAUL I Io. 27,729, and WEI-NING YANG, may be necessary or desirable in c lation of this document. the powe	IVID M. SIMON, Reg. No. 32,756; JAY M. K. KONRAD, Reg. No. 28,868; LOUI ARY D. MANN, Reg. No. 34,867; DON II. K. KOVELMAN, Reg. No. 35,228; PAUL G. Reg. No. 38,690 the power to insert on order to comply with the rules of the United to the series of the United to the United to the Series of the United to the S	RICHARD H. ZAITLEN, Reg. No. 27,248; I. FINKELSTEIN, Reg. No. 21,082; ROGER S. A. MOK, Reg. No. 22,585; JOHN P. F. LIVORNESE, Reg. No. 32,040; TED R. I. NAGY, Reg. No. 37,896; HIDEO KODA, this assignment any further identification d States Patent and Trademark Office for identification which may be necessary or the Office for recordation of this document.		
Date:	100 12,96 Signature of Inv	rentor Fig. 1)	rue		
Date: 4	Date: 10/8/96 Signature of Inventor				
Date.	Date 19.279 G Signature of inventor				
Date: 10 796 Signature of Inventor / Wavaluk					

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